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What is Claimed:

1. A safety device for use with an electric apparatus, the safety 1 device comprising: a housing; 3 at least two terminals disposed at least partially within the housing; 4 a cord set having at least two conductors, a first end of the two 5 conductors mounted at least partially within the housing; 6 a non-replaceable circuit interrupter disposed within the housing so as 7 to be inaccessible to a user and coupled between i) one of the at least two terminals 8 and ii) one of the at least two conductors of the cord set; and 10 at least one control component electrically connected to one of the at least two conductors. 11 2. The safety device according to claim 1, wherein the at least one 1 control component is disposed within the housing for controlling an operation of the electrical apparatus. 3 3. The safety device according to claim 2, wherein the at least one 1 control component is coupled between a power source and the non-replaceable 2 circuit interrupter. 3 4. The safety device according to claim 2, wherein the non-1 replaceable circuit interrupter is coupled between a power source and the at least 2 3 one control component. 5. The safety device according to claim 1, wherein at least a 1 portion of the at least two conductors are coupled between the first housing and a 2

second housing located proximate the first housing; and

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4	the at least one additional control component is disposed within the
5	second housing for controlling an operation of the electrical apparatus.
1	6. The safety device according to claim 1, wherein the at least one
2	control component comprises at least one of:
3	i) a switch;
4	ii) a timer;
5	iii) a transformer;
6	iv) a passive electrical device;
7	v) an active electrical device; and
8	vi) a circuit breaker.
9	7. The safety device according to claim 1, wherein the non-
10	replaceable circuit interrupter is one of i) a non-ressetable circuit interrupter, ii) an
11	arc-fault circuit interrupter, and iii) a resettable circuit interrupter.
1	8. The safety device according to claim 1, wherein the non-
2	replaceable circuit interrupter is a fuse.
1	9. The safety device according to claim 8, wherein the fuse is one
2	of a i) a slow-blow fuse, ii) a fast-blow fuse.
1	10. The safety device according to claim 1, wherein a rating of the
2	non-replaceable circuit interrupter is based on at least one of:
3	an inrush current of the electrical apparatus,
4	a steady state load of the electrical apparatus,

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5 load spikes based on operational conditions of the electrical apparatus, and 6 an auto transformer effect of the electrical apparatus. 7 The safety device according to claim 1, wherein the electrical 11. 1 apparatus comprises one of: 2 at least one motor, wherein the motor is one of i) a single speed 3 motor, ii) a multi speed motor, and iii) a variable speed motor 4 5 at least one light; and a plurality of series connected lights. 6 12. The safety device according to claim 1, wherein the non-1 replaceable circuit interrupter is electrically coupled between i) one of the at least 2 two terminals and ii) one of the at least two conductors of the cord set. 3 The safety device according to claim 1, wherein the non-1 replaceable circuit interrupter is electrically and physically coupled between i) one of 2 the at least two terminals and ii) one of the at least two conductors of the cord set. 3 14. The safety device according to claim 1, further comprising 1 means for determining a status of the non-replaceable circuit interrupter. 2 15. A safety device for use with an electric apparatus, the safety 1 device comprising: 2 3 a first housing; at least two terminals disposed at least partially within the first housing;

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6	a cord set having at least two conductors, a first end of the at least
7	two conductors mounted at least partially within the first housing, the at least two
8	conductors connected to the at least two terminals and exiting the first housing;
9	a second housing located proximate the first housing, the at least two
10	conductors coupled between the first housing and the second housing; and
11	a non-replaceable circuit interrupter disposed within the second
12	housing so as to be inaccessible to a user and connected in series with at least one of
13	the at least two conductors of the cord set.
1	16. The safety device according to claim 15, wherein the non-
2	replaceable circuit interrupter includes at least two non-replaceable circuit
3	interrupters, a first one of the non-replaceable circuit interrupters electrically
4	connected in series with one of the at least two conductors of the cord set, and a
5	second of the non replaceable circuit interrupters electrically connected in series with
6	a further one of the at least two conductors of the cord set.
1	17. The safety device according to claim 15, further comprising at
2	least one of:
3	i) a transparent portion in the second housing to permit viewing
4	of a status of the non-replaceable circuit interrupter,
5	ii) a portion of the second housing comprising a polymer
6	reactive to a thermal condition of the non-replaceable circuit interrupter, and
7	iii) an illumination device coupled to the non replaceable circuit
8	interrupter and disposed within the second housing to indicate a status of the non-
9	replaceable circuit interrupter.
1	18. A safety device for use with an electric apparatus, the safety
2	device comprising:

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3 a housing; at least two terminals disposed at least partially within the housing; 4 a cord set having at least two conductors, a first end of the at least 5 two conductors mounted at least partially within the housing and connected to 6 respective ones of the at least two terminals, the at least two conductors exiting the 7 8 housing; and a non-replaceable circuit interrupter i) located proximate the housing, 9 ii) disposed within a portion of the cord set and iii) connected in series with one of 10 the at least two conductors of the cord set; 11 wherein the non-replaceable circuit interrupter is disposed within the 12 cord set so as to be inaccessible to a user. 13 19. The safety device according to claim 18, wherein the non-1 replaceable circuit interrupter includes at least two non-replaceable circuit 2 interrupters, a first one of the non-replaceable circuit interrupters electrically 3 connected in series with one of the at least two conductors of the cord set, and a 4 second of the non replaceable circuit interrupters electrically connected in series with a further one of the at least two conductors of the cord set. 20. A method for enhancing the safety of an electrical apparatus, 1 the method comprising the steps of: 2 3 providing a non-replaceable circuit interrupter one of within and proximate a cord set plug for connecting the electrical apparatus to a source of 4 power, the non-replaceable circuit interrupter coupled between the source of power 5 and the electrical apparatus; and 6 7 determining a size of the non-replaceable circuit interrupter based on a load characteristic of the electrical apparatus, 8

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wherein a time period and/or magnitude of compromised safety caused by an electrical fault occurring at least one of i) between said non-replaceable circuit interrupter and said electrical apparatus and ii) within said electrical apparatus is reduced.